

Homemade Liquid Laundry Detergent

www.heartvillage.org/homemade-laundry-detergent/

1 Fels-Naptha Soap Bar

1 cup Arm & Hammer Washing Soda

½ cup Borax

Essential Oil for fragrance (ie Rosemary, Lavendar, Tea Tree, optional) 10-15 drops/2 gallons

1. Grate the Fels-Naptha bar with the coarse side of a cheese grater. Add it to a pot with 4 cups of hot tap water. Stir over medium-low heat until all of the soap has melted.
2. Fill a 5-gallon bucket half way with hot tap water. Stir in the melted soap mixture and the powders until everything is well incorporated and the powders have dissolved.
3. Fill the bucket the rest of the way with hot tap water. If you're using essential oils for fragrance, let the mixture cool slightly and then add oils. Give it another stir, cover and let it sit undisturbed overnight.
4. In the morning, the soap will have congealed. Stir vigorously with a wooden spoon or squish with your hands to thoroughly mix the soap solution. Ladle the soap into a smaller bottle, filling halfway. Fill the bottle to about $\frac{3}{4}$ full with tap water.
5. The soap will separate as it sits. Shake well before each use.
6. Store the large batch in the covered 5 gallon bucket, refilling the smaller bottle as needed.

For top loading machines, use 5/8 cup per load, approximately 180 loads

For front loading machines, use 1/4 cup per load, approximately 640 loads